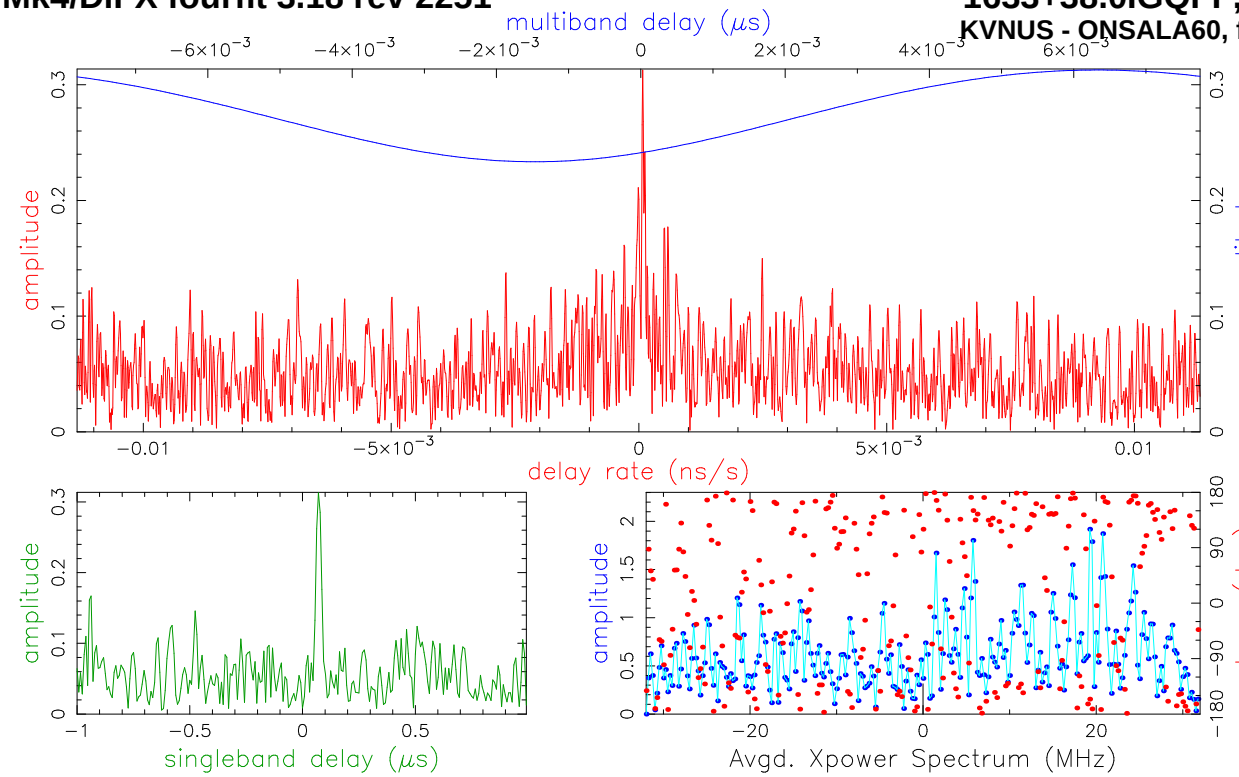
Mk4/DiFX fourfit 3.18 rev 2251

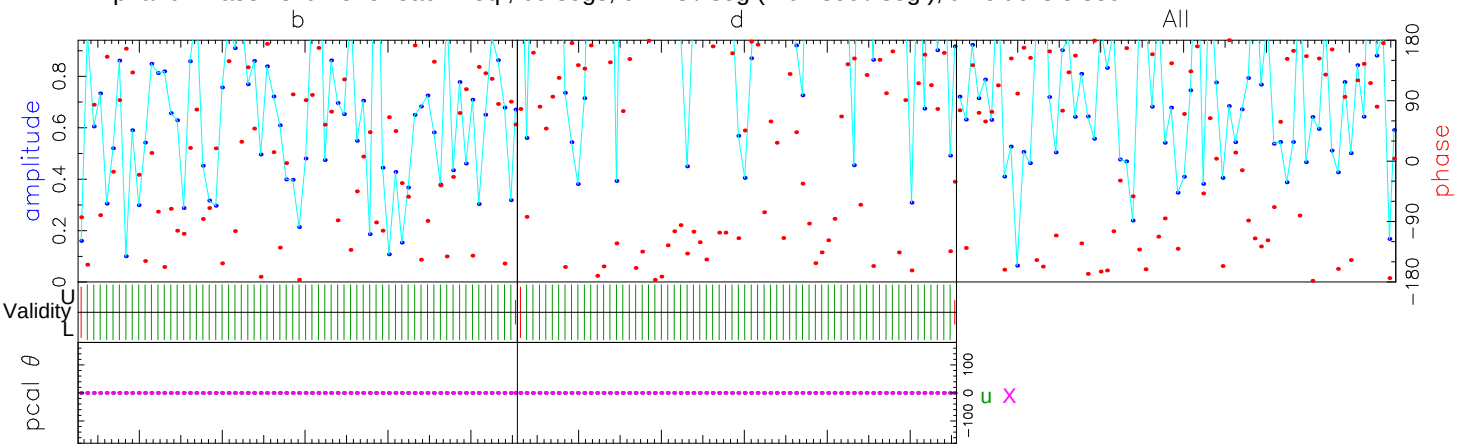
1633+38.0IGQFF, No0019, uX

KVNUS - ONSALA60, fgroup W, pol RR



Fringe quality	8
SNR	7.6
Int time	314.983
Amp	0.314
Phase	-276.2
PFD	1.1e-06
Delays (us)	
SBD	0.071512
MBD	-0.009398
Fringe rate (Hz)	
	0.006281
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182c
Exper #	16383
Yr:day	2018:273
Start	113215.66
Stop	113731.05
FRT	113346.00
Corr/FF/build	
	2019:049:231205
	2019:051:154256
	2018:249:082454
RA & Dec (J2000)	
	16h35m15.4930s
	+38°08' 4.501"

Amp. and Phase vs. time for each freq., 69 segs, 9 APs / seg (4.61 sec / seg.), time ticks 5 sec



	86156.00	86220.00	Freq (MHz)	All
	171.6	174.2	Phase	173.8
	0.1	0.5	Ampl.	0.3
	8.7	138.1	Sbd box	138.2
U/L	616/616	616/616	APs used	
u	0	0	PC freqs	
X	1000	1000	PC freqs	
u:X	0:0	0:0	PC phase	
u:X	0:0	0:0	Manl PC	
u	1000	1000	PC amp	
X	1000	1000		
u	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	
X	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-2.50364589346E+03	Apriori delay (usec)	-2.50371462044E+03	Resid mbdelay (usec)	-9.39802E-03	+/-	6.5E-04
Sband delay (usec)	-2.50364310844E+03	Apriori clock (usec)	-3.8287086E+01	Resid sbdelay (usec)	7.15120E-02	+/-	1.1E-03
Phase delay (usec)	-2.50371461484E+03	Apriori clockrate (us/s)	-4.7000002E-07	Resid phdelay (usec)	5.60541E-06	+/-	2.4E-07
Delay rate (us/s)	-1.42156780100E+00	Apriori rate (us/s)	-1.42156787392E+00	Resid rate (us/s)	7.29205E-08	+/-	2.7E-09
Total phase (deg)	-61.9	Apriori accel (us/s/s)	-5.08655283507E-06	Resid phase (deg)	-276.2	+/-	7.5

	RMS	Theor.						
			Amplitude	0.314 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	75.1	62.5	Search (2048X8)	0.303	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	163.7	109.1	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	10.6	Inc. seg. avg.	0.457	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	74.4	18.6	Inc. frq. avg.	0.308	Data rate(Mb/s): 512	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

u: az 292.4 el 41.3 pa 72.6 X: az 93.9 el 49.5 pa -43.0 u,v (fr/asec) 10331.818 -2263.229 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182c/v1/1234/No0019/uX..0IGQFF Output file: /Exps/c182c/v1/1234/No0019/uX.W.74.0IGQFF